

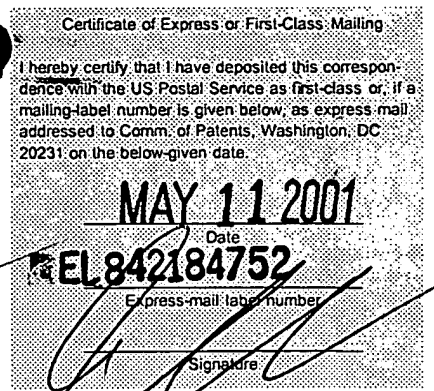
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IN THE U.S. PATENT AND TRADEMARK OFFICE



Inventor Waldemar STEPHAN

Patent App. 09/388,813

Filed 1 September 1999

For METHOD AND APPARATUS FOR CURRENT MEASUREMENT FOR ELECTRONICALLY-CONTROLLED PUMP

Art Unit 2858

Examiner Nguyen, V

Handwritten: #11/B, 5-17-01, Jumo

Hon. Commissioner of Patents Washington, DC 20231

SECOND AMENDMENT

In response to the Office Action (paper 10) mailed 23 April 2001, please amend the above-identified application as follows:

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IN THE CLAIMS

Cancel Claims 1 to 11. Add new claims 13 to 23 as follows --

- 13. A method of determining a current draw of a pump driven by an electric motor having a power line and a motor-control circuit connected to said power line, said method comprising the steps of: (a) measuring a voltage drop across at least a portion of a conductor having a definite resistance and connecting said power line with said motor-control circuit; and (b) calculating said current draw from said voltage drop.